



OIPE

RECEIVED

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/978,193A

DATE: 03/06/2002

TIME: 10:15:42

Input Set : A:\GENENLAW-#103808-v1-Corrected\_Sequence\_Listing.WPD

Output Set: N:\CRF3\03062002\I978193A.raw

3 <110> APPLICANT: Ashkenazi, Avi  
4 Baker Kevin P.  
5 Botstein, David  
6 Desnoyers, Luc  
7 Eaton, Dan  
8 Ferrara, Napoleon  
9 Filvaroff, Ellen  
10 Fong, Sherman  
11 Gao, Wei-Qiang  
12 Gerber, Hanspeter  
13 Gerritsen, Mary E.  
14 Goddard, Audrey  
15 Godowski, Paul J.  
16 Grimaldi, J. Christopher  
17 Gurney, Austin L.  
18 Hillan, Kenneth J  
19 Kljavin, Ivar J.  
20 Kuo, Sophia S.  
21 Napier, Mary A.  
22 Pan, James;  
23 Paoni, Nicholas F.  
24 Roy, Margaret Ann  
25 Shelton, David L.  
26 Stewart, Timothy A.  
27 Tumas, Daniel  
28 Williams, P. Mickey  
29 Wood, William I.  
31 <120> TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
32 Acids Encoding the Same  
34 <130> FILE REFERENCE: P2630P1C6  
36 <140> CURRENT APPLICATION NUMBER: 09/978193A  
C--> 37 <141> CURRENT FILING DATE: 2002-02-21  
39 <150> PRIOR APPLICATION NUMBER: 09/918585  
40 <151> PRIOR FILING DATE: 2001-07-30  
42 <150> PRIOR APPLICATION NUMBER: 60/062250  
43 <151> PRIOR FILING DATE: 1997-10-17  
45 <150> PRIOR APPLICATION NUMBER: 60/064249  
46 <151> PRIOR FILING DATE: 1997-11-03  
48 <150> PRIOR APPLICATION NUMBER: 60/065311  
49 <151> PRIOR FILING DATE: 1997-11-13  
51 <150> PRIOR APPLICATION NUMBER: 60/066364  
52 <151> PRIOR FILING DATE: 1997-11-21  
54 <150> PRIOR APPLICATION NUMBER: 60/077450

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/978,193A

DATE: 03/06/2002

TIME: 10:15:42

Input Set : A:\GENENLAW-#103808-v1-Corrected\_Sequence\_Listing.WPD

Output Set: N:\CRF3\03062002\I978193A.raw

55 <151> PRIOR FILING DATE: 1998-03-10  
57 <150> PRIOR APPLICATION NUMBER: 60/077632  
58 <151> PRIOR FILING DATE: 1998-03-11  
60 <150> PRIOR APPLICATION NUMBER: 60/077641  
61 <151> PRIOR FILING DATE: 1998-03-11  
63 <150> PRIOR APPLICATION NUMBER: 60/077649  
64 <151> PRIOR FILING DATE: 1998-03-11  
66 <150> PRIOR APPLICATION NUMBER: 60/077791  
67 <151> PRIOR FILING DATE: 1998-03-12  
69 <150> PRIOR APPLICATION NUMBER: 60/078004  
70 <151> PRIOR FILING DATE: 1998-03-13  
72 <150> PRIOR APPLICATION NUMBER: 60/078886  
73 <151> PRIOR FILING DATE: 1998-03-20  
75 <150> PRIOR APPLICATION NUMBER: 60/078936  
76 <151> PRIOR FILING DATE: 1998-03-20  
78 <150> PRIOR APPLICATION NUMBER: 60/078910  
79 <151> PRIOR FILING DATE: 1998-03-20  
81 <150> PRIOR APPLICATION NUMBER: 60/078939  
82 <151> PRIOR FILING DATE: 1998-03-20  
84 <150> PRIOR APPLICATION NUMBER: 60/079294  
85 <151> PRIOR FILING DATE: 1998-03-25  
87 <150> PRIOR APPLICATION NUMBER: 60/079656  
88 <151> PRIOR FILING DATE: 1998-03-26  
90 <150> PRIOR APPLICATION NUMBER: 60/079664  
91 <151> PRIOR FILING DATE: 1998-03-27  
93 <150> PRIOR APPLICATION NUMBER: 60/079689  
94 <151> PRIOR FILING DATE: 1998-03-27  
96 <150> PRIOR APPLICATION NUMBER: 60/079663  
97 <151> PRIOR FILING DATE: 1998-03-27  
99 <150> PRIOR APPLICATION NUMBER: 60/079728  
100 <151> PRIOR FILING DATE: 1998-03-27  
102 <150> PRIOR APPLICATION NUMBER: 60/079786  
103 <151> PRIOR FILING DATE: 1998-03-27  
105 <150> PRIOR APPLICATION NUMBER: 60/079920  
106 <151> PRIOR FILING DATE: 1998-03-30  
108 <150> PRIOR APPLICATION NUMBER: 60/079923  
109 <151> PRIOR FILING DATE: 1998-03-30  
111 <150> PRIOR APPLICATION NUMBER: 60/080105  
112 <151> PRIOR FILING DATE: 1998-03-31  
114 <150> PRIOR APPLICATION NUMBER: 60/080107  
115 <151> PRIOR FILING DATE: 1998-03-31  
117 <150> PRIOR APPLICATION NUMBER: 60/080165  
118 <151> PRIOR FILING DATE: 1998-03-31  
120 <150> PRIOR APPLICATION NUMBER: 60/080194  
121 <151> PRIOR FILING DATE: 1998-03-31  
123 <150> PRIOR APPLICATION NUMBER: 60/080327  
124 <151> PRIOR FILING DATE: 1998-04-01  
126 <150> PRIOR APPLICATION NUMBER: 60/080328  
127 <151> PRIOR FILING DATE: 1998-04-01

## RAW SEQUENCE LISTING

DATE: 03/06/2002

PATENT APPLICATION: US/09/978,193A

TIME: 10:15:42

Input Set : A:\GENENLAW-#103808-v1-Corrected\_Sequence\_Listing.WPD

Output Set: N:\CRF3\03062002\I978193A.raw

129 <150> PRIOR APPLICATION NUMBER: 60/080333  
130 <151> PRIOR FILING DATE: 1998-04-01  
132 <150> PRIOR APPLICATION NUMBER: 60/080334  
133 <151> PRIOR FILING DATE: 1998-04-01  
135 <150> PRIOR APPLICATION NUMBER: 60/081070  
136 <151> PRIOR FILING DATE: 1998-04-08  
138 <150> PRIOR APPLICATION NUMBER: 60/081049  
139 <151> PRIOR FILING DATE: 1998-04-08  
141 <150> PRIOR APPLICATION NUMBER: 60/081071  
142 <151> PRIOR FILING DATE: 1998-04-08  
144 <150> PRIOR APPLICATION NUMBER: 60/081195  
145 <151> PRIOR FILING DATE: 1998-04-08  
147 <150> PRIOR APPLICATION NUMBER: 60/081203  
148 <151> PRIOR FILING DATE: 1998-04-09  
150 <150> PRIOR APPLICATION NUMBER: 60/081229  
151 <151> PRIOR FILING DATE: 1998-04-09  
153 <150> PRIOR APPLICATION NUMBER: 60/081955  
154 <151> PRIOR FILING DATE: 1998-04-15  
156 <150> PRIOR APPLICATION NUMBER: 60/081817  
157 <151> PRIOR FILING DATE: 1998-04-15  
159 <150> PRIOR APPLICATION NUMBER: 60/081819  
160 <151> PRIOR FILING DATE: 1998-04-15  
162 <150> PRIOR APPLICATION NUMBER: 60/081952  
163 <151> PRIOR FILING DATE: 1998-04-15  
165 <150> PRIOR APPLICATION NUMBER: 60/081838  
166 <151> PRIOR FILING DATE: 1998-04-15  
168 <150> PRIOR APPLICATION NUMBER: 60/082568  
169 <151> PRIOR FILING DATE: 1998-04-21  
171 <150> PRIOR APPLICATION NUMBER: 60/082569  
172 <151> PRIOR FILING DATE: 1998-04-21  
174 <150> PRIOR APPLICATION NUMBER: 60/082704  
175 <151> PRIOR FILING DATE: 1998-04-22  
177 <150> PRIOR APPLICATION NUMBER: 60/082804  
178 <151> PRIOR FILING DATE: 1998-04-22  
180 <150> PRIOR APPLICATION NUMBER: 60/082700  
181 <151> PRIOR FILING DATE: 1998-04-22  
183 <150> PRIOR APPLICATION NUMBER: 60/082797  
184 <151> PRIOR FILING DATE: 1998-04-22  
186 <150> PRIOR APPLICATION NUMBER: 60/082796  
187 <151> PRIOR FILING DATE: 1998-04-23  
189 <150> PRIOR APPLICATION NUMBER: 60/083336  
190 <151> PRIOR FILING DATE: 1998-04-27  
192 <150> PRIOR APPLICATION NUMBER: 60/083322  
193 <151> PRIOR FILING DATE: 1998-04-28  
195 <150> PRIOR APPLICATION NUMBER: 60/083392  
196 <151> PRIOR FILING DATE: 1998-04-29  
198 <150> PRIOR APPLICATION NUMBER: 60/083495  
199 <151> PRIOR FILING DATE: 1998-04-29  
201 <150> PRIOR APPLICATION NUMBER: 60/083496

## RAW SEQUENCE LISTING

DATE: 03/06/2002

PATENT APPLICATION: US/09/978,193A

TIME: 10:15:42

Input Set : A:\GENENLAW-#103808-v1-Corrected\_Sequence\_Listing.WPD

Output Set: N:\CRF3\03062002\I978193A.raw

202 <151> PRIOR FILING DATE: 1998-04-29  
204 <150> PRIOR APPLICATION NUMBER: 60/083499  
205 <151> PRIOR FILING DATE: 1998-04-29  
207 <150> PRIOR APPLICATION NUMBER: 60/083545  
208 <151> PRIOR FILING DATE: 1998-04-29  
210 <150> PRIOR APPLICATION NUMBER: 60/083554  
211 <151> PRIOR FILING DATE: 1998-04-29  
213 <150> PRIOR APPLICATION NUMBER: 60/083558  
214 <151> PRIOR FILING DATE: 1998-04-29  
216 <150> PRIOR APPLICATION NUMBER: 60/083559  
217 <151> PRIOR FILING DATE: 1998-04-29  
219 <150> PRIOR APPLICATION NUMBER: 60/083500  
220 <151> PRIOR FILING DATE: 1998-04-29  
222 <150> PRIOR APPLICATION NUMBER: 60/083742  
223 <151> PRIOR FILING DATE: 1998-04-30  
225 <150> PRIOR APPLICATION NUMBER: 60/084366  
226 <151> PRIOR FILING DATE: 1998-05-05  
228 <150> PRIOR APPLICATION NUMBER: 60/084414  
229 <151> PRIOR FILING DATE: 1998-05-06  
231 <150> PRIOR APPLICATION NUMBER: 60/084441  
232 <151> PRIOR FILING DATE: 1998-05-06  
234 <150> PRIOR APPLICATION NUMBER: 60/084637  
235 <151> PRIOR FILING DATE: 1998-05-07  
237 <150> PRIOR APPLICATION NUMBER: 60/084639  
238 <151> PRIOR FILING DATE: 1998-05-07  
240 <150> PRIOR APPLICATION NUMBER: 60/084640  
241 <151> PRIOR FILING DATE: 1998-05-07  
243 <150> PRIOR APPLICATION NUMBER: 60/084598  
244 <151> PRIOR FILING DATE: 1998-05-07  
246 <150> PRIOR APPLICATION NUMBER: 60/084600  
247 <151> PRIOR FILING DATE: 1998-05-07  
249 <150> PRIOR APPLICATION NUMBER: 60/084627  
250 <151> PRIOR FILING DATE: 1998-05-07  
252 <150> PRIOR APPLICATION NUMBER: 60/084643  
253 <151> PRIOR FILING DATE: 1998-05-07  
255 <150> PRIOR APPLICATION NUMBER: 60/085339  
256 <151> PRIOR FILING DATE: 1998-05-13  
258 <150> PRIOR APPLICATION NUMBER: 60/085338  
259 <151> PRIOR FILING DATE: 1998-05-13  
261 <150> PRIOR APPLICATION NUMBER: 60/085323  
262 <151> PRIOR FILING DATE: 1998-05-13  
264 <150> PRIOR APPLICATION NUMBER: 60/085582  
265 <151> PRIOR FILING DATE: 1998-05-15  
267 <150> PRIOR APPLICATION NUMBER: 60/085700  
268 <151> PRIOR FILING DATE: 1998-05-15  
270 <150> PRIOR APPLICATION NUMBER: 60/085689  
271 <151> PRIOR FILING DATE: 1998-05-15  
273 <150> PRIOR APPLICATION NUMBER: 60/085579  
274 <151> PRIOR FILING DATE: 1998-05-15

## RAW SEQUENCE LISTING

DATE: 03/06/2002

PATENT APPLICATION: US/09/978,193A

TIME: 10:15:42

Input Set : A:\GENENLAW-#103808-v1-Corrected\_Sequence\_Listing.WPD

Output Set: N:\CRF3\03062002\I978193A.raw

276 <150> PRIOR APPLICATION NUMBER: 60/085580  
277 <151> PRIOR FILING DATE: 1998-05-15  
279 <150> PRIOR APPLICATION NUMBER: 60/085573  
280 <151> PRIOR FILING DATE: 1998-05-15  
282 <150> PRIOR APPLICATION NUMBER: 60/085704  
283 <151> PRIOR FILING DATE: 1998-05-15  
285 <150> PRIOR APPLICATION NUMBER: 60/085697  
286 <151> PRIOR FILING DATE: 1998-05-15  
288 <150> PRIOR APPLICATION NUMBER: 60/086023  
289 <151> PRIOR FILING DATE: 1998-05-18  
291 <150> PRIOR APPLICATION NUMBER: 60/086430  
292 <151> PRIOR FILING DATE: 1998-05-22  
294 <150> PRIOR APPLICATION NUMBER: 60/086392  
295 <151> PRIOR FILING DATE: 1998-05-22  
297 <150> PRIOR APPLICATION NUMBER: 60/086486  
298 <151> PRIOR FILING DATE: 1998-05-22  
300 <150> PRIOR APPLICATION NUMBER: 60/086414  
301 <151> PRIOR FILING DATE: 1998-05-22  
303 <150> PRIOR APPLICATION NUMBER: 60/087208  
304 <151> PRIOR FILING DATE: 1998-05-28  
306 <150> PRIOR APPLICATION NUMBER: 60/087106  
307 <151> PRIOR FILING DATE: 1998-05-28  
309 <150> PRIOR APPLICATION NUMBER: 60/087098  
310 <151> PRIOR FILING DATE: 1998-05-28  
312 <150> PRIOR APPLICATION NUMBER: 60/091010  
313 <151> PRIOR FILING DATE: 1998-06-26  
315 <150> PRIOR APPLICATION NUMBER: 60/090863  
316 <151> PRIOR FILING DATE: 1998-06-26  
318 <150> PRIOR APPLICATION NUMBER: 60/091359  
319 <151> PRIOR FILING DATE: 1998-07-01  
321 <150> PRIOR APPLICATION NUMBER: 60/094651  
322 <151> PRIOR FILING DATE: 1998-07-30  
324 <150> PRIOR APPLICATION NUMBER: 60/100038  
325 <151> PRIOR FILING DATE: 1998-09-11  
327 <150> PRIOR APPLICATION NUMBER: 60/109304  
328 <151> PRIOR FILING DATE: 1998-11-20  
330 <150> PRIOR APPLICATION NUMBER: 60/113296  
331 <151> PRIOR FILING DATE: 1998-12-22  
333 <150> PRIOR APPLICATION NUMBER: 60/113621  
334 <151> PRIOR FILING DATE: 1998-12-23  
336 <150> PRIOR APPLICATION NUMBER: 60/123957  
337 <151> PRIOR FILING DATE: 1999-03-12  
339 <150> PRIOR APPLICATION NUMBER: 60/126773  
340 <151> PRIOR FILING DATE: 1999-03-29  
342 <150> PRIOR APPLICATION NUMBER: 60/130232  
343 <151> PRIOR FILING DATE: 1999-04-21  
345 <150> PRIOR APPLICATION NUMBER: 60/131022  
346 <151> PRIOR FILING DATE: 1999-04-26  
348 <150> PRIOR APPLICATION NUMBER: 60/131445

RAW SEQUENCE LISTING ERROR SUMMARY  
PATENT APPLICATION: US/09/978,193ADATE: 03/06/2002  
TIME: 10:15:43Input Set : A:\GENENLAW-#103808-v1-Corrected\_Sequence\_Listing.WPD  
Output Set: N:\CRF3\03062002\I978193A.rawPlease Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:8; N Pos. 33,66,96,387  
Seq#:9; N Pos. 32,54,80,111,117,122,139,193,205,221,226,228,273,293,296,305  
Seq#:9; N Pos. 336,358,361  
Seq#:10; N Pos. 33,49,68,83,90,98,119  
Seq#:30; N Pos. 262,330,371  
Seq#:37; N Pos. 20,35,61,83,106,130,133,187,232,260,336  
Seq#:38; N Pos. 27  
Seq#:39; N Pos. 84,85,206  
Seq#:75; N Pos. 30,94,143,156,163,179,193,369,371,381,390,473  
Seq#:117; N Pos. 33  
Seq#:118; N Pos. 2009,2026,2033,2055,2074,2078,2086  
Seq#:137; Xaa Pos. 233  
Seq#:144; N Pos. 1620,1673  
Seq#:151; N Pos. 103,233  
Seq#:152; N Pos. 56,123  
Seq#:191; N Pos. 78,212,234,487  
Seq#:215; N Pos. 1869,1887  
Seq#:265; N Pos. 24,60,141,226,228,249,252  
Seq#:271; N Pos. 21,69,163,434,436,444  
Seq#:272; N Pos. 30,49,102,141,147,171,324,325,339,340,341  
Seq#:273; N Pos. 25,57,67,94,95,116,152,165,212,233,392,393,394  
Seq#:274; N Pos. 25,50,60,123,127,370,395,397,398,402,403,405,406,407  
Seq#:275; N Pos. 22,61,91,144,238,239,262,265,266,271,274  
Seq#:276; N Pos. 39,58,130,234,314,364,427,450,461,476  
Seq#:277; N Pos. 34,87,138,147,163,165,166,172  
Seq#:278; N Pos. 26,43,55,77,198,361,362,391,392,396  
Seq#:279; N Pos. 90,115,147,228,387  
Seq#:285; N Pos. 40,53,68,119,134,177,178,255  
Seq#:286; N Pos. 73,97  
Seq#:287; N Pos. 38,64,72,164,198,200,220,222,229,242  
Seq#:288; N Pos. 35,116,129,197,278,294,297,349,351  
Seq#:290; N Pos. 57,60,186,235,244,304,339,355,359,361,387,432,441,447,481  
Seq#:290; N Pos. 513,532,584,598  
Seq#:304; N Pos. 20,34,62,87,221,229  
Seq#:310; N Pos. 36,48  
Seq#:311; N Pos. 38,59,140,169,174,183,282,283,294,295,319,396  
Seq#:332; N Pos. 47  
Seq#:338; N Pos. 101,263,376,397,426  
Seq#:347; N Pos. 22  
Seq#:353; N Pos. 654,711,748,827  
Seq#:431; N Pos. 78,81,113,157,224,297  
Seq#:432; N Pos. 31,66,81,82,84,122,184,187,232,241,400,424,427,434  
Seq#:457; N Pos. 30,123,133,139,180,214,259,282,308,452,467,471,473,509,556  
Seq#:484; N Pos. 68,70,84,147

**RAW SEQUENCE LISTING ERROR SUMMARY**  
PATENT APPLICATION: US/09/978,193A

DATE: 03/06/2002  
TIME: 10:15:43

Input Set : A:\GENENLAW-#103808-v1-Corrected\_Sequence\_Listing.WPD  
Output Set: N:\CRF3\03062002\I978193A.raw

Seq#:487; N Pos. 2715  
Seq#:514; N Pos. 2039,2040,2041,2042,2043,2044,2045,2046,2047,2048,2049  
Seq#:514; N Pos. 2050,2051,2052,2053,2054,2055,2056,2057,2058,2059,2060  
Seq#:514; N Pos. 2061,2062,2063,2064,2065  
Seq#:516; N Pos. 36,38,88,118,135,193,213,222  
Seq#:527; N Pos. 1478,3978,4057,4058,4070

## VERIFICATION SUMMARY

DATE: 03/06/2002

PATENT APPLICATION: US/09/978,193A

TIME: 10:15:43

Input Set : A:\GENENLAW-#103808-v1-Corrected\_Sequence\_Listing.WPD

Output Set: N:\CRF3\03062002\I978193A.raw

L:37 M:271 C: Current Filing Date differs, Replaced Current Filing Date  
L:981 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8 after pos.:0  
L:983 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8 after pos.:50  
L:995 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:8 after pos.:350  
L:1015 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9 after pos.:0  
L:1017 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9 after pos.:50  
L:1019 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9 after pos.:100  
L:1021 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9 after pos.:150  
L:1023 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9 after pos.:200  
L:1025 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9 after pos.:250  
L:1027 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9 after pos.:300  
L:1029 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9 after pos.:350  
L:1044 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10 after pos.:0  
L:1046 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10 after pos.:50  
L:1048 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:10 after pos.:100  
L:1555 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30 after pos.:250  
L:1557 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30 after pos.:300  
L:1559 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:30 after pos.:350  
L:1744 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37 after pos.:0  
L:1746 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37 after pos.:50  
L:1748 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37 after pos.:100  
L:1750 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37 after pos.:150  
L:1752 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37 after pos.:200  
L:1754 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37 after pos.:250  
L:1756 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37 after pos.:300  
L:1771 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:38 after pos.:0  
L:1808 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:39 after pos.:50  
L:1814 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:39 after pos.:200  
L:3385 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:75 after pos.:0  
L:3387 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:75 after pos.:50  
L:3389 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:75 after pos.:100  
L:3391 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:75 after pos.:150  
L:3399 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:75 after pos.:350  
L:3403 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:75 after pos.:450  
L:4958 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:117 after pos.:0  
L:5053 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:118 after pos.:2000  
L:5055 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:118 after pos.:2050  
L:5759 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:137 after pos.:225  
L:5921 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:144 after pos.:1600  
L:5923 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:144 after pos.:1650  
L:6195 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:151 after pos.:100  
L:6199 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:151 after pos.:200  
L:6226 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:152 after pos.:50  
L:6228 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:152 after pos.:100  
L:7716 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:191 after pos.:50  
L:7722 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:191 after pos.:200  
L:7732 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:191 after pos.:450  
L:8727 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:215 after pos.:1850



## VERIFICATION SUMMARY

DATE: 03/06/2002

PATENT APPLICATION: US/09/978,193A

TIME: 10:15:43

Input Set : A:\GENENLAW-#103808-v1-Corrected\_Sequence\_Listing.WPD

Output Set: N:\CRF3\03062002\I978193A.raw

L:10656 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:265 after pos.:0  
L:10658 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:265 after pos.:50  
L:10660 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:265 after pos.:100